

What is claimed is:

1. A display device comprising:

a plurality of source signal lines over an insulating surface;

a plurality of gate signal lines crossing said plurality of source signal lines;

a plurality of power supply lines comprising a plurality of first power supply lines and a plurality of second power supply lines along said plurality of gate signal lines or said plurality of source signal lines;

a plurality of pixels disposed in a matrix-form over said insulating surface, each of said plurality of pixels has an EL element, a thin film transistor for switching and a thin film transistor for driving said EL element; and

a first and a second input portions, said first input portion having at least one external input terminal connected to said plurality of first power supply lines and said second input portion having a plurality of at least one external input terminal connected to said plurality of second power supply lines;

wherein said first and said second input portions are located separately.

2. A display device comprising:

a plurality of source signal lines over an insulating surface;

a plurality of gate signal lines crossing said plurality of source signal lines;

a plurality of power supply lines comprising a plurality of first power supply lines and a plurality of second power supply lines along said plurality of gate signal lines or said plurality of source signal lines;

a plurality of pixels disposed in a matrix-form over said insulating surface, each of said

plurality of pixels has an EL element, a thin film transistor for switching and a thin film transistor for driving said EL element; and

a plurality of input portions, each of said plurality of input portions having a plurality of external input terminals connected to a part of said plurality of power supply lines;

wherein said plurality of power supply lines are divided in at least two groups, each of said groups is connected to one of said plurality of input portions;

wherein electric potential is provided to each of said power source supply lines from said plurality of external input terminals.

3. A display device comprising:

a plurality of source signal lines over an insulating surface;

a plurality of gate signal lines crossing said plurality of source signal lines;

a plurality of power supply lines comprising a plurality of first power supply lines and a plurality of second power supply lines along said plurality of gate signal lines or said plurality of source signal lines;

a plurality of pixels disposed in a matrix-form over said insulating surface, each of said plurality of pixels has an EL element, a thin film transistor for switching and a thin film transistor for driving said EL element;

a plurality of input portions, each of said plurality of input portions having a plurality of external input terminals connected to a part of said plurality of power supply lines; and

a plurality of feedback amplifiers, each of said plurality of said feedback amplifiers connected to one of said plurality of external input terminals.

wherein electric potential is provided to each of said plurality of power supply lines

from one of said plurality of feedback amplifiers through one of said plurality of external input terminals.

4. A display device as claimed in claim 1, characterized in that said plurality of power supply lines are disposed like a matrix.

5. A display device as claimed in claim 2, characterized in that said plurality of power supply lines are disposed like a matrix.

6. A display device as claimed in claim 3, characterized in that said plurality of power supply lines are disposed like a matrix.

7. A display device as claimed in claim 1, characterized in that said plurality of power supply lines are formed of a wiring layer forming said source signal lines and a wiring layer forming said gate signal lines.

8. A display device as claimed in claim 2, characterized in that said plurality of power supply lines are formed of a wiring layer forming said source signal lines and a wiring layer forming said gate signal lines.

9. A display device as claimed in claim 3, characterized in that said plurality of power supply lines are formed of a wiring layer forming said source signal lines and a wiring layer forming said gate signal lines.

10. A display device as claimed in claim 1, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said source signal lines, and a wiring layer forming said gate signal lines.

11. A display device as claimed in claim 2, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said source signal lines, and a wiring layer forming said gate signal lines.

12. A display device as claimed in claim 3, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said source signal lines, and a wiring layer forming said gate signal lines.

13. A display device as claimed in claim 1, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said gate signal lines, and a wiring layer forming said source signal lines.

14. A display device as claimed in claim 2, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said gate signal lines, and a wiring layer forming said source signal lines.

15. A display device as claimed in claim 3, characterized in that said plurality of power supply lines are formed of a wiring layer different from a wiring layer forming said gate

signal lines, and a wiring layer forming said source signal lines.

16. A display device as claimed in claim 1, characterized in that said plurality of power supply lines are formed of a wiring layer different from both a wiring layer forming said gate signal lines and a wiring layer forming said source signal lines.

17. A display device as claimed in claim 2, characterized in that said plurality of power supply lines are formed of a wiring layer different from both a wiring layer forming said gate signal lines and a wiring layer forming said source signal lines.

18. A display device as claimed in claim 3, characterized in that said plurality of power supply lines are formed of a wiring layer different from both a wiring layer forming said gate signal lines and a wiring layer forming said source signal lines.

19. A display device as claimed in claim 1, characterized in that the number of said plurality of power supply lines in a column direction is smaller than the number of said plurality of pixels in a column direction.

20. A display device as claimed in claim 2, characterized in that the number of said plurality of power supply lines in a column direction is smaller than the number of said plurality of pixels in a column direction.

21. A display device as claimed in claim 3, characterized in that the number of said

plurality of power supply lines in a column direction is smaller than the number of said plurality of pixels in a column direction.

22. A display device as claimed in claim 1, characterized in that the number of said plurality of power supply lines in a row direction is smaller than the number of said plurality of pixels in a row direction.

23. A display device as claimed in claim 2, characterized in that the number of said plurality of power supply lines in a row direction is smaller than the number of said plurality of pixels in a row direction.

24. A display device as claimed in claim 3, characterized in that the number of said plurality of power supply lines in a row direction is smaller than the number of said plurality of pixels in a row direction.

25. A display device as claimed in claim 1, characterized in that a diagonal line of a display portion of said display device is 20 inch or longer.

26. A display device as claimed in claim 2, characterized in that a diagonal line of a display portion of said display device is 20 inch or longer.

27. A display device as claimed in claim 3, characterized in that a diagonal line of a display portion of said display device is 20 inch or longer.

28. A display device according to claim 1, wherein said display device is a device selected from the group consisting of: a TV receiver, a video camera, an image reproducing device, a head mound display and a portable information terminal.

29. A display device according to claim 1, wherein said display device is a device selected from the group consisting of: a TV receiver, a video camera, an image reproducing device, a head mound display and a portable information terminal.

30. A display device according to claim 1, wherein said display device is a device selected from the group consisting of: a TV receiver, a video camera, an image reproducing device, a head mound display and a portable information terminal.

31. A display device according to claim 2, wherein said each of two groups has 5 to 50 power supply lines.